

# APPARATUS AND METHOD FOR ELIMINATING NOISE

## Abstract

An apparatus and method for eliminating noise includes a power supply unit, a voltage monitoring circuit installed at the output of the power supply unit, a voice amplifier installed at the output of the voltage monitoring circuit and a speaker installed at the output of the voice amplifier. When a voltage is input from the power supply unit, the voltage monitoring circuit detects it and compares the value thereof with a default value, and then outputs a signal to control the voice amplifier; when the input voltage value is smaller than the default value, the voltage monitoring circuit outputs a control signal to shut off the voice amplifier; when the input voltage value is larger than the default value, the voltage monitoring circuit then outputs a control signal to turn on the voice amplifier, and the voice amplifier amplifies audio signals and the amplified audio signals are output as sounds through the speaker at the output thereof.